

- [0194] 49. Bess, J W, Jr., Gorelick, R J, Bosche, W J, Henderson, L E, and Arthur, L O (1997). Microvesicles are a source of contaminating cellular proteins found in purified HIV-1 preparations. *Virology* 230: 134-144.
- [0195] 50. Segura, M M, Kamen, A, Trudel, P, and Gamier, A (2005). A novel purification strategy for retrovirus gene therapy vectors using heparin affinity chromatography. *Biotechnol Bioeng* 90: 391-404.
- [0196] 51. Segura, M M, Kamen, A, Lavoie, M C, and Gamier, A (2007). Exploiting heparin-binding properties of MoMLV-based retroviral vectors for affinity chromatography. *J Chromatogr B Analyt Technol Biomed Life Sci* 846: 124-131.
- [0197] 52. McNally, D J, Darling, D, Farzaneh, F, Levison, P R, and Slater, N K (2014). Optimised concentration and purification of retroviruses using membrane chromatography. *J Chromatogr A* 1340: 24-32.
- [0198] 53. Whitney, D, McCoy, M, Gordon, N, and Afeyan, N (1998). Characterization of large-pore polymeric supports for use in perfusion biochromatography. *J Chromatogr A* 807: 165-184.
- [0199] 54. Cruz, P E, Goncalves, D, Almeida, J, Moreira, J L, and Carrondo, M J (2000). Modeling retrovirus production for gene therapy. 2. Integrated optimization of bioreaction and downstream processing. *Biotechnol Prog* 16: 350-357.
- [0200] 55. Josephson, N C, and Russell, D W (2010). Production of foamy virus vector and transduction of hematopoietic cells. *Cold Spring Harb Protoc* 2010: pdb prot5481.
- [0201] 56. Kiem, H P, Allen, J, Trobridge, G, Olson, E, Keyser, K, Peterson, L, et al. (2007). Foamy-virus-mediated gene transfer to canine repopulating cells. *Blood* 109: 65-70.
- [0202] 57. van der Loo, J C, Swaney, W P, Grassman, E, Terwilliger, A, Higashimoto, T, Schambach, A, et al. (2012). Scale-up and manufacturing of clinical-grade self-inactivating gamma-retroviral vectors by transient transfection. *Gene Ther* 19: 246-254.

## SEQUENCE LISTING

<160> NUMBER OF SEQ ID NOS: 7

<210> SEQ ID NO 1  
 <211> LENGTH: 20  
 <212> TYPE: DNA  
 <213> ORGANISM: Artificial Sequence  
 <220> FEATURE:  
 <223> OTHER INFORMATION: MSCV-F

<400> SEQUENCE: 1

agtctctccga tagactgcgt 20

<210> SEQ ID NO 2  
 <211> LENGTH: 20  
 <212> TYPE: DNA  
 <213> ORGANISM: Artificial Sequence  
 <220> FEATURE:  
 <223> OTHER INFORMATION: CD18-R

<400> SEQUENCE: 2

cttcgtgcac tctgagaga 20

<210> SEQ ID NO 3  
 <211> LENGTH: 11  
 <212> TYPE: DNA  
 <213> ORGANISM: Artificial Sequence  
 <220> FEATURE:  
 <223> OTHER INFORMATION: MSCV

<400> SEQUENCE: 3

tgctgggcct g 11

<210> SEQ ID NO 4  
 <211> LENGTH: 20  
 <212> TYPE: DNA  
 <213> ORGANISM: Artificial Sequence  
 <220> FEATURE:  
 <223> OTHER INFORMATION: HS Albumin -F

<400> SEQUENCE: 4

gctctctctgc ctgttcttta 20